

TO: JOHN C. STRINGHAM COMPANY: 60 EAST SOUTH TEMPLE



DOCKETED
Att'y JCS File #
By MS On 5/5/09
Action
Response Due 2

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



500850793

MAY 04, 2009

PTAS

JOHN C. STRINGHAM
60 EAST SOUTH TEMPLE
1000 EAGLE GATE TOWER
SALT LAKE CITY, UT 84111

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/04/2009

REEL/FRAME: 022632/0145

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 6300.177 - INVENTORS TO U

ASSIGNOR:

CHO, WEOL DONG

DOC DATE: 04/20/2009

ASSIGNOR:

FAN, PENG

DOC DATE: 04/14/2009

ASSIGNEE:

THE UNIVERSITY OF UTAH
615 ARAPEEN DRIVE
SUITE 310
SALT LAKE CITY, UTAH 84108

SERIAL NUMBER: 10568845

FILING DATE: 05/18/2007

PATENT NUMBER:

ISSUE DATE:

TITLE: METHODS AND SYSTEMS FOR REMOVING COPPER FROM FERROUS SCRAP

TO:JOHN C. STRINGHAM COMPANY:60 EAST SOUTH TEMPLE

022632/0145 PAGE 2

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

05/04/2009
500850793

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Weol Dong Cho</td><td>04/20/2009</td></tr><tr><td>Peng Fan</td><td>04/14/2009</td></tr></tbody></table>		Name	Execution Date	Weol Dong Cho	04/20/2009	Peng Fan	04/14/2009						
Name	Execution Date												
Weol Dong Cho	04/20/2009												
Peng Fan	04/14/2009												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>The University of Utah</td></tr><tr><td>Street Address:</td><td>615 Arapteen Drive</td></tr><tr><td>Internal Address:</td><td>Suite 310</td></tr><tr><td>City:</td><td>Salt Lake City</td></tr><tr><td>State/Country:</td><td>UTAH</td></tr><tr><td>Postal Code:</td><td>84108</td></tr></table>		Name:	The University of Utah	Street Address:	615 Arapteen Drive	Internal Address:	Suite 310	City:	Salt Lake City	State/Country:	UTAH	Postal Code:	84108
Name:	The University of Utah												
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PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10568845</td></tr></tbody></table>		Property Type	Number	Application Number:	10568845								
Property Type	Number												
Application Number:	10568845												
CORRESPONDENCE DATA													
Fax Number: (801)328-1707 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: (801) 533-9800													
Email: jstringham@wnlaw.com													
Correspondent Name: John C. Stringham													
Address Line 1: 60 East South Temple													
Address Line 2: 1000 Eagle Gate Tower													
Address Line 4: Salt Lake City, UTAH 84111													
ATTORNEY DOCKET NUMBER:	6300.177 - INVENTORS TO U												
NAME OF SUBMITTER:	John C. Stringham												
Total Attachments: 4 source=6300_177 - Assignment - Inventors to U of U#page1.tif													

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TO: JOHN C. STRINGHAM COMPANY: 60 EAST SOUTH TEMPLE

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source=6300_177 - Assignment - Inventors to U of U#page4.tif

WHEN RECORDED RETURN TO:

PATENT APPLICATION
Docket No: 6300.177

Workman Nydegger
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

ASSIGNMENT

We, Weol Dong Cho of 2140 Kensington Avenue, Salt Lake City, Utah 84108, and Peng Fan of 130 South 1300 East, Apt. 205, Salt Lake City, Utah 84102, respectively, have invented a method and apparatus entitled **METHODS AND SYSTEMS FOR REMOVING COPPER FROM FERROUS SCRAP** hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed heretofore and now identified as File No. 6300.177 of the law firm of Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. 10/568,845 on May 18, 2007.

The Assignee, The University of Utah, an institution of higher education in the State of Utah, having a principal place of business at 615 Arapen Drive, Suite 310, Salt Lake City, Utah 84108, desires to secure the entire right, title and interest in said invention.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, we HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications which may be filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Dated this 20th day of April, 2009.

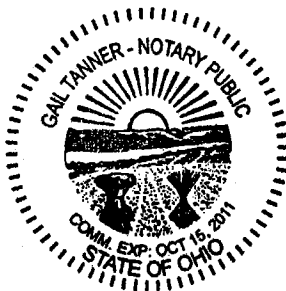
Weol Dong Cho
Weol Dong Cho

STATE OF Ohio)
COUNTY OF Franklin)

§

On this 20th day of April, 2009, personally appeared before me Robert A. Palais who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

S
E
A
L



[Signature] NOTARY PUBLIC
Oct. 15, 2011 COMMISSION EXPIRATION

Dated this 14 day of April, 2009.

Peng Fan
Peng Fan

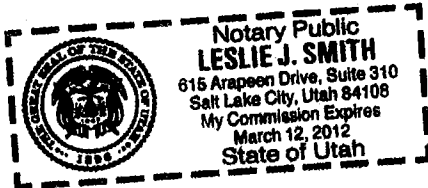
STATE OF Utah)

§

COUNTY OF Salt Lake)

On this 14th day of April, 2009, personally appeared before me Peng Fan ^{LS} ~~Richard S. Davis~~, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to on this Assignment, and acknowledged that he executed the same.

S
E
A
L



Leslie J. Smith NOTARY PUBLIC
March 12, 2012 COMMISSION EXPIRATION

TO: JOHN C. STRINGHAM COMPANY:60 EAST SOUTH TEMPLE



DOCKETED

Atty CS File # 95101
By VS On 9/5/09
Action
Response Due

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



500850808

MAY 04, 2009

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RECORDATION DATE: 05/04/2009

REEL/FRAME: 022632/0210
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 6300.177 - U TO UURF

ASSIGNOR:

THE UNIVERSITY OF UTAH

DOC DATE: 04/27/2009

ASSIGNEE:

THE UNIVERSITY OF UTAH RESEARCH
FOUNDATION
615 ARAPEEN DRIVE
SUITE 310
SALT LAKE CITY, UTAH 84108

SERIAL NUMBER: 10568845

FILING DATE: 05/18/2007

PATENT NUMBER:

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TITLE: METHODS AND SYSTEMS FOR REMOVING COPPER FROM FERROUS SCRAP

TO:JOHN C. STRINGHAM COMPANY:60 EAST SOUTH TEMPLE

022632/0210 PAGE 2

ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

TO: JOHN C. STRINGHAM COMPANY: 60 EAST SOUTH TEMPLE

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.105/04/2009
500850808

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
The University of Utah	04/27/2009
RECEIVING PARTY DATA	
Name:	The University of Utah Research Foundation
Street Address:	815 Arapeen Drive
Internal Address:	Suite 310
City:	Salt Lake City
State/Country:	UTAH
Postal Code:	84108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10568845
CORRESPONDENCE DATA	
Fax Number:	(801)328-1707
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(801) 533-9800
Email:	jstringham@wnlaw.com
Correspondent Name:	John C. Stringham
Address Line 1:	60 East South Temple
Address Line 2:	1000 Eagle Gate Tower
Address Line 4:	Salt Lake City, UTAH 84111
ATTORNEY DOCKET NUMBER:	8300.177 - U TO UURF
NAME OF SUBMITTER:	John C. Stringham
Total Attachments: 2 source=6300_177 - Assignment - U of U to UURF#page1.tif source=6300_177 - Assignment - U of U to UURF#page2.tif	

OP \$40.00 10568845

WHEN RECORDED RETURN TO:

PATENT APPLICATION
Docket No.: 6300.177

Workman Nydegger
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

ASSIGNMENT

Whereas, The University of Utah, an institution of higher education of the State of Utah, having a place of business at 615 Arapeen Drive, Suite 310, Salt Lake City, UT 84108, is the owner of the entire right, title and interest in and to a United States patent application in the names of Weol Dong Cho and Peng Fan entitled **METHODS AND SYSTEMS FOR REMOVING COPPER FROM FERROUS SCRAP**, (hereafter the "invention"), filed on May 18, 2007 and assigned Serial No. 10/568,845.

Whereas, The University of Utah Research Foundation, a nonprofit corporation of the State of Utah, having a place of business at 615 Arapeen Drive, Suite 310, Salt Lake City, UT 84108, is desirous of acquiring the The University of Utah's entire right, title and interest in and to the invention within the United States of America and its territorial possessions and within the countries foreign to the United States and any United States or foreign Letters Patent that may be granted therefore; and in and to said application.

Now, therefore, in consideration of the sum of One Dollar (\$1.00) paid by The University of Utah Research Foundation to the University of Utah and other good and valuable considerations, the receipt of which is hereby acknowledged, The University of Utah has sold, assigned and transferred and by these presents does hereby sell, assign and transfer unto The University of Utah Research Foundation its entire right, title and interest in and to the invention within the United States of America and its territorial possessions and within all countries

foreign to the United States and in and to any United States or foreign Letters Patent that may be granted therefore and in and to the said application and in and to any and all non-provisional, divisions, reissues, continuations and extensions thereof and in and to any Letters Patent that may be granted thereon, all said rights to be held and enjoyed by The University of Utah Research Foundation for its own use and enjoyment and for the use and enjoyment of its successors and assigns to the full end of the term or terms for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by The University of Utah if this assignment, transfer and sale had not been made.

The University of Utah hereby authorizes and requests the United States Commissioner of Patents and Trademarks and all authorized officials of foreign patent offices to issue the said Letters Patent, when granted, to The University of Utah Research Foundation as the assignee of its entire right, title and interest in and to the same, for the use and enjoyment of The University of Utah Research Foundation, its successors and assigns.

In Testimony Whereof, The University of Utah has caused the hand of its proper representative to be subscribed hereto this 27th day of April, 2009.

THE UNIVERSITY OF UTAH

By RK Kulkarni
Rajiv K. Kulkarni
Associate Director